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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

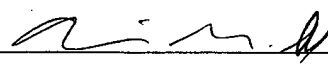
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1>TRANSMITTAL FORM</h1> <p>(to be used for all correspondence after initial filing)</p>	Application Number	10/529,244
	Filing Date	March 24, 2005
	First Named Inventor	Kaoru Higuchi
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	63131(70904)

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Notification of Missing Requirements (2 pages); Part 2 Copy of Notice (2 pages); Stamped copy of 10/21/05 submission which included Declarations and Power of Attorney (14 pages); and Return Receipt Postcard.
<div style="border: 1px solid black; padding: 5px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature			
Printed name	Brian M. Gaff		
Date	December 22, 2005	Reg. No.	44,691

Express Mail Label No. EV754865769US

Docket No.: 63131(70904)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kaoru Higuchi et al.

Application No.: 10/529,244

Confirmation No.: 6116

Filed: March 24, 2005

Art Unit: N/A

For: **ELECTROSTATIC ATTRACTION FLUID
JET DEVICE**

Examiner: Not Yet Assigned

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements – Filing Date Granted mailed November 16, 2005, Applicants respectfully submit copies of their October 21, 2005, submission, which included the Declarations and Power of Attorney. Part 2 Copy of Notice is also enclosed.

No fee associated with submission is believed due. Nevertheless, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 63131(70904).

Application No.: 10/529,244

2

Docket No.: 63131(70904)

Dated: December 22, 2005

Respectfully submitted,

By 

Brian M. Gaff

Registration No.: 44,691

EDWARDS ANGELL PALMER & DODGE
LLP

P.O. Box 55874

Boston, Massachusetts 02205

(617) 517-5597

Attorneys/Agents For Applicants

BOS2_522745.1

DGC/GWH
63131 (70904)



UNITED STATES PATENT AND TRADEMARK OFFICE

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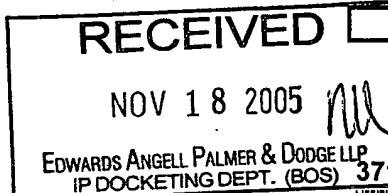
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/529,244	Kaoru Higuchi	63,131 (70904)

INTERNATIONAL APPLICATION NO.

PCT/JP03/12047

21874
EDWARDS & ANGELL, LLP
P.O. BOX 55874
BOSTON, MA 02205



I.A. FILING DATE	PRIORITY DATE
09/22/2003	09/24/2002

CONFIRMATION NO. 6116

FORMALITIES LETTER



OC000000017346660

Date Mailed: 11/16/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/24/2005
- Copy of the International Search Report filed on 03/24/2005
- Preliminary Amendments filed on 03/24/2005
- Information Disclosure Statements filed on 03/24/2005
- Request for Immediate Examination filed on 03/24/2005
- U.S. Basic National Fees filed on 03/24/2005
- Priority Documents filed on 03/24/2005

missing parts
EDWARDS ANGELL PALMER & DODGE LLP
101 Federal St. Boston, MA 02110
Docketed For 11/16/06-6/16/06
By [Signature]
Approved [Signature]

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/529,244	PCT/JP03/12047	63,131 (70904)

FORM PCT/DO/EO/905 (371 Formalities Notice)

COPY

Inventor: Kaoru Higuchi, et al.

Atty Docket No.: 63,131 (70904)

Application No.: 10/529,244

Filing Date: March 24, 2005

Title: ELECTROSTATIC ATTRACTION FLUID JET DEVICE

Documents Filed:

Transmittal Form (1 page);



Declaration and Power of Attorney (12 pages); and

This Return Receipt Postcard.

Via: Express Mail: Airbill No. EV711312581US

Sender's Initials: GWH/lrb

Date: October 21, 2005

 EV 711312581 US		 EXPRESS MAIL UNITED STATES POSTAL SERVICE®		Customer Copy Label 11-F, April 2004	
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Date Accepted Mo. Day Year 10 21 05	Scheduled Time of Delivery <input type="checkbox"/> Noon <input type="checkbox"/> 3 PM Military	Return Receipt Fee \$	Delivery Attempt Mo. Day 10 21	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Time Accepted <input type="checkbox"/> AM <input type="checkbox"/> PM 9 03 PM	Military	COD Fee \$	Delivery Date Mo. Day 10 21	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Flat Rate <input type="checkbox"/> or Weight lbs. 3.70 ozs.	Int'l Alpha Country Code	Insurance Fee \$	<input type="checkbox"/> WAIVER OF SIGNATURE (Domestic Mail Only) Additional merchandise insurance is void if waiver of signature is requested. Delivery to be made without obtaining signature or address of addressee is requested. Delivery to be made without obtaining signature or address of addressee is requested. Delivery to be made without obtaining signature or address of addressee is requested.		
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PTO/SB/21 (09-04)

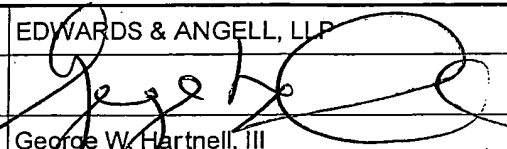
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		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	13	Attorney Docket Number	63,131 (70904)

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Declaration and Power of Attorney (12 pages); and a Return Receipt Postcard.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

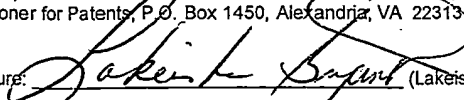
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	EDWARDS & ANGELL, LLP		
Signature			
Printed name	George W. Hartnell, III		
Date	October 21, 2005	Reg. No.	42,639

Certificate of Express Mailing

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. **EV711312581US**, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 21, 2005

Signature:


(Lakeisha Bryant)

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
ELECTROSTATIC ATTRACTION FLUID JET DEVICE
which is described and claimed in:

☐ the specification attached hereto.

☒ the specification in U.S. Application Serial Number 10/529,244, filed on March 24, 2005.

☒ the specification in PCT international application Number, PCT/JP03/12047, filed on September 22, 2003; and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
2002-278201	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278210	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278212	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278219	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

COP

Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120				
U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. §119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**ALL PRACTITIONERS AT CUSTOMER NUMBER 21874, Edwards & Angell, LLP,
P.O. Box 55874, Boston, MA 02205.**

SEND CORRESPONDENCE TO: Edwards & Angell, LLP P. O. Box 55874 Boston, Massachusetts 02205	DIRECT TELEPHONE CALLS TO: David G. Conlin, Reg. No. 27,026 Phone 617-439-4444 Facsimile 617-439-4170 Email DConlin@EdwardsAngell.com
---	---

201	FULL NAME OF INVENTOR	LAST NAME HIGUCHI	FIRST NAME Kaoru	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Tenri-shi	STATE OR FOREIGN COUNTRY Nara Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 762-7, Isonokami-cho	CITY Tenri-shi	STATE OR COUNTRY AND ZIP CODE Nara 632-0011 Japan
202	FULL NAME OF INVENTOR	LAST NAME NISHI	FIRST NAME Yasuo	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Hino-shi	STATE OR FOREIGN COUNTRY Tokyo	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 1, Sakura-machi	CITY Hino-shi	STATE OR COUNTRY AND ZIP CODE Tokyo 191-8511 Japan
203	FULL NAME OF INVENTOR	LAST NAME MURATA	FIRST NAME Kazuhiro	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Tsukuba-shi	STATE OR FOREIGN COUNTRY Ibaraki	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono	CITY Tsukuba-shi	STATE OR COUNTRY AND ZIP CODE Ibaraki 305-8568 Japan
204	FULL NAME OF INVENTOR	LAST NAME YOKOYAMA	FIRST NAME Hiroshi	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Tsukuba-shi	STATE OR FOREIGN COUNTRY Ibaraki	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono	CITY Tsukuba-shi	STATE OR COUNTRY AND ZIP CODE Ibaraki 305-8568 Japan
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 <i>Kaoru Hiyuchi</i>	Signature of Inventor 202
Date: <i>5. May, 2005</i>	Date:
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
ELECTROSTATIC ATTRACTION FLUID JET DEVICE
which is described and claimed in:

☐ the specification attached hereto.

☒ the specification in U.S. Application Serial Number 10/529,244, filed on March 24, 2005.

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U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

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(35 U.S.C. §119(e))

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SEND CORRESPONDENCE TO: Edwards & Angell, LLP P. O. Box 55874 Boston, Massachusetts 02205	DIRECT TELEPHONE CALLS TO: David G. Conlin, Reg. No. 27,026 Phone 617-439-4444 Facsimile 617-439-4170 Email DConlin@EdwardsAngell.com
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Signature of Inventor 201	Signature of Inventor 202 <i>Yasuo Nishi</i>
Date:	Date: <i>May, 17, 2005</i>
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

COPY

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2002-278210	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278212	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278219	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120					
U.S. Applications			Status (Check One)		
Application Serial No.	U.S. Filing Date		Patented	Pending	Abandoned
PCT Applications Designating the U.S.					
Application No.	Filing Date	U.S. Serial No. Assigned			

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. §119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**ALL PRACTITIONERS AT CUSTOMER NUMBER 21874, Edwards & Angell, LLP,
P.O. Box 55874, Boston, MA 02205.**

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	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Signature of Inventor 202
Date:	Date:
Signature of Inventor 203 <i>Kazuhiko Murata</i>	Signature of Inventor 204 <i>Shunichi Yokoyama</i>
Date: <i>May 16, 2005</i>	Date: <i>May 16, 2005</i>
Signature of Inventor 205	Signature of Inventor 206
Date:	Date: